

METHOD FOR REDUCING TOXICITY OF COMBINED CHEMOTHERAPIES

Inventors: Minotti et al.

Docket No: 1188-37 RCE/DIV

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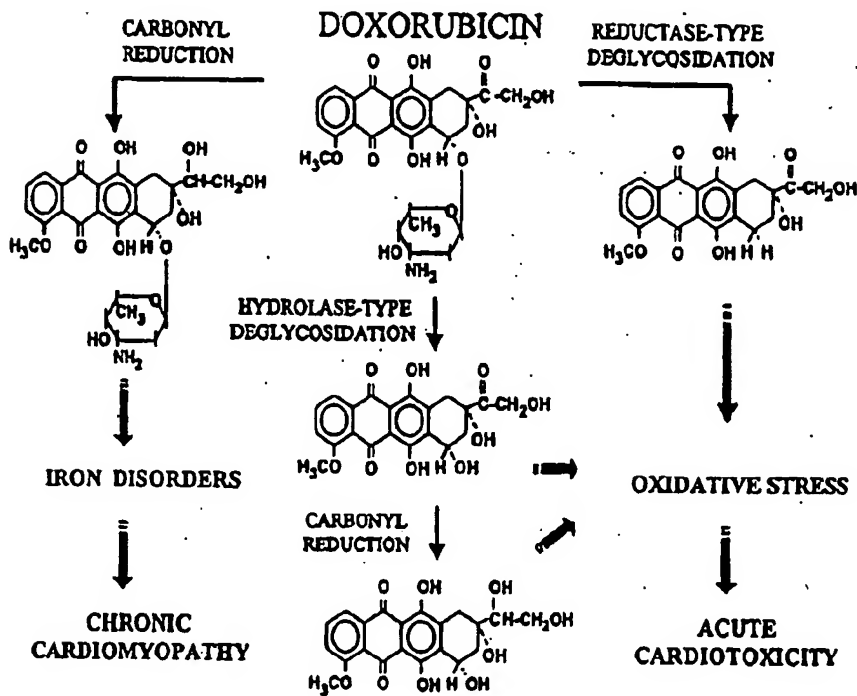


FIG. 1

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Chemical structure of compound 10, a complex polycyclic molecule. It features a central core with multiple fused rings, including a cyclohexene and a cyclopentene. The structure is heavily substituted with various functional groups: a benzamide group (Ph-C(=O)-NH-) is attached to a chiral center; a hydroxyl group (OH) is present on a chiral center; a methyl group (CH₃) is attached to a chiral center; a benzoyl group (Ph-C(=O)-) is attached to a chiral center; and a hydroxyl group (OH) is attached to a chiral center. The molecule also contains several ester linkages (O-C(=O)-) and a complex network of ether and carbon-carbon bonds.

The chemical structure shows a complex molecule, likely a steroid derivative. It features a phenyl ring attached to a hydroxyl group. The main core is a polycyclic system with multiple functional groups, including a carboxylate group (CH_3COO) and a hydroxyl group (OH). The structure is highly detailed, showing various stereocenters and functional groups.

FIG. 3c

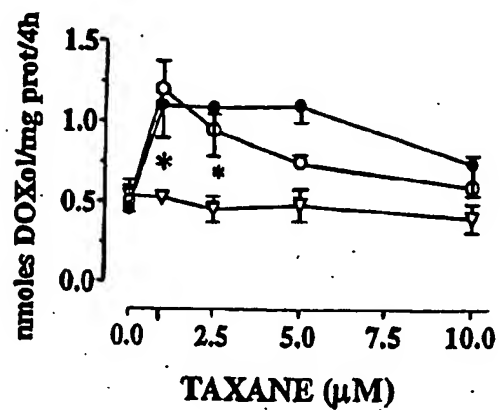
FIG. 2C

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● PTX

○ DCT

▽ 4-desacetyl-4-methylcarbonate taxol

FIG. 3

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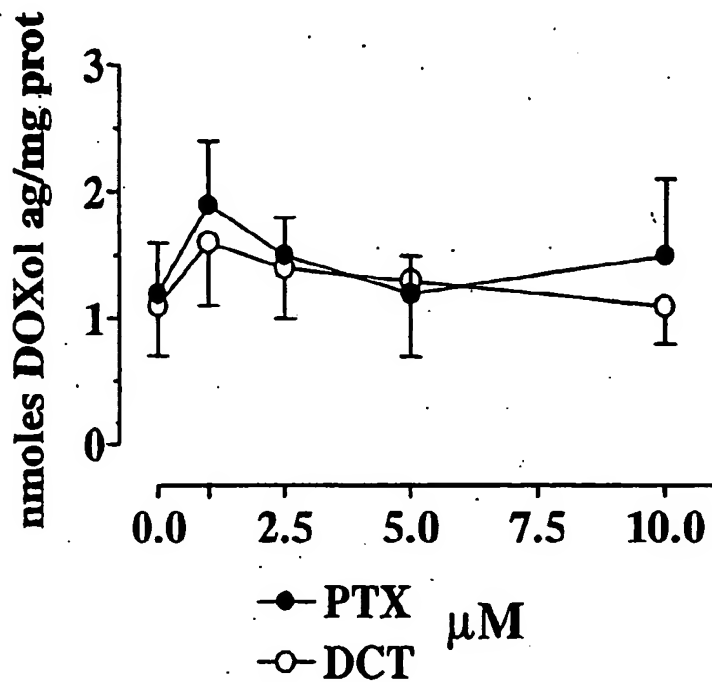


FIG. 4A

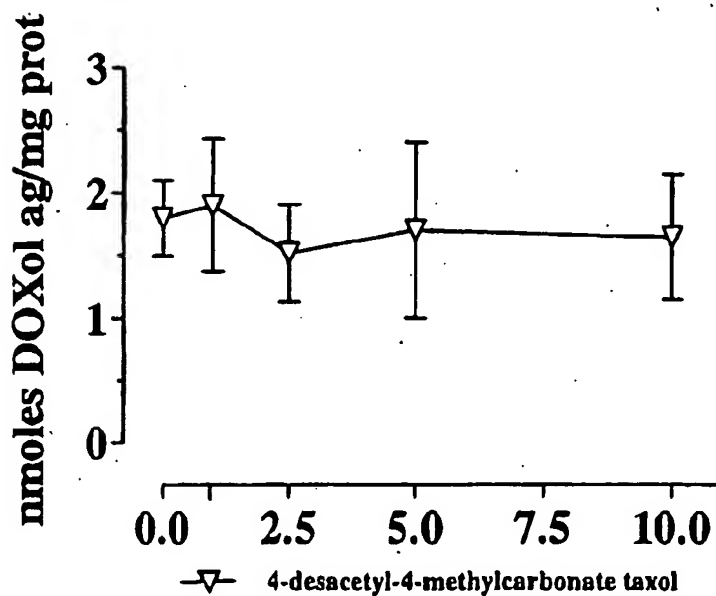


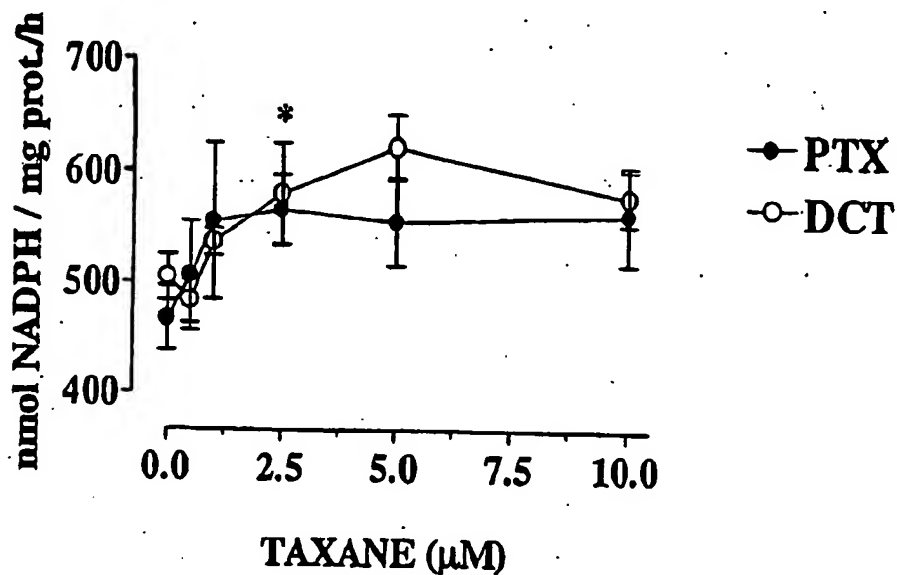
FIG. 4B

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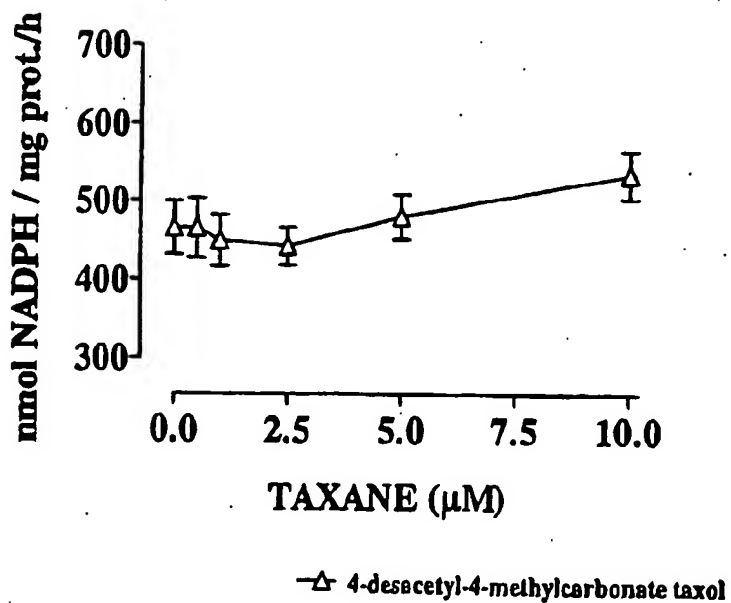
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* $P < 0.05$ vs control

FIG. 5A



—△ 4-desacetyl-4-methylcarbonate taxol

FIG. 5B

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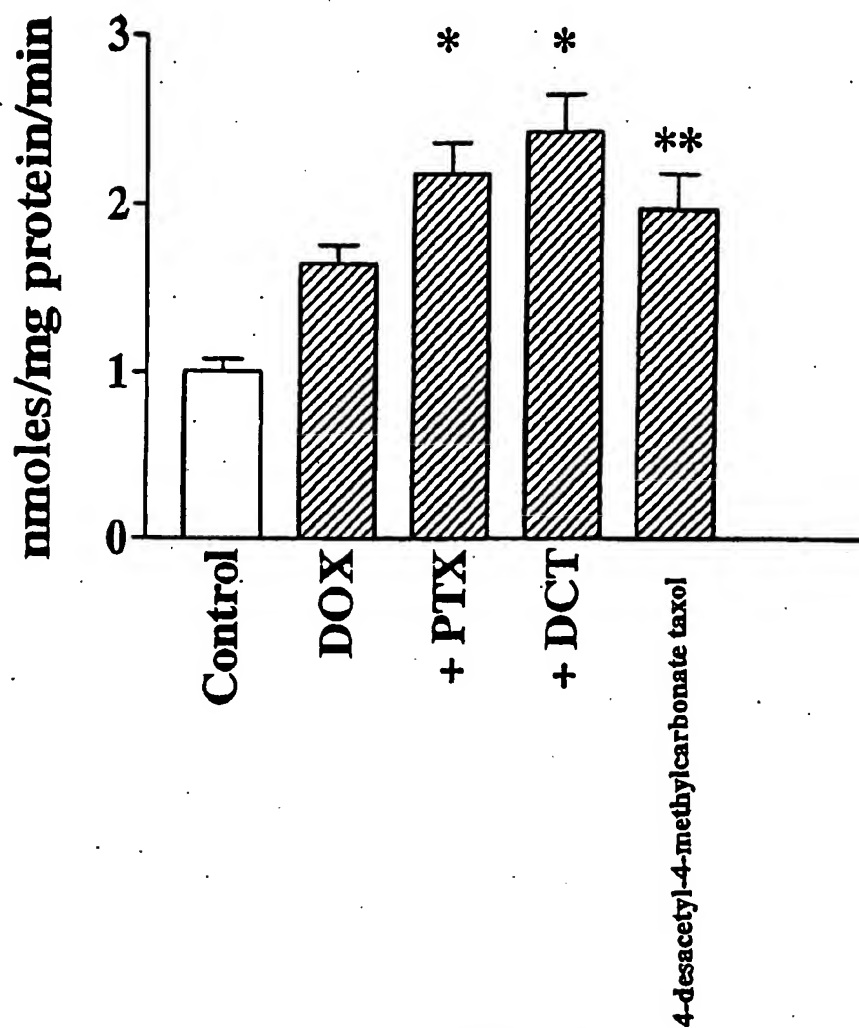


FIG. 6